



Attorney Docket No.: A-71429-1/RFT/VEJ  
Attorney Matter No.: 468940-00070  
Application No. 10/727,090

TPL

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*In re application of:*

BLIVEN *et al.*

Application No. 10/727,090

Filing Date: December 2, 2003

For: *Fuel Cell Power Supply for  
Portable Computing Device and  
Method for Fuel Cell Power Control*

Examiner: Chuo, Tony Sheng Hsiang

Art Unit: 1746

### CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450:

Dated: June 13, 2006

Signed:   
Lukas K. Szymanski

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Pursuant to the Examiner's request, no copies of U.S. patents or U.S. published applications are enclosed. Copies of all other references are enclosed.

Further, in accordance with the provisions of 37 C.F.R. § 1.98(a)(3) and MPEP § 609(III)(A)(3), Applicant submits that reference no. B4 is not in the English language and directs the Examiner's attention to the English language abstract of same enclosed herewith for a concise statement as to their relevance.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited

100.00 op

00000055 10727090

01 FF:1806  
06/16/2006 CCBAU1

references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Pursuant to 37 C.F.R. §1.97(c), enclosed is a check in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). While no further fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 468940-00070 (A-71429-1/RFT/VEJ)).

Respectfully submitted,

DORSEY & WHITNEY LLP

Dated: 6/13/2006  
Customer Number: 32940

By:



\_\_\_\_\_  
Victor E. Johnson, Reg. No. 41,546

Dorsey & Whitney LLP  
Intellectual Property Department  
555 California Street, 10<sup>th</sup> Floor  
San Francisco, CA 94104-1513  
(415) 781-1989 (telephone)  
(415) 398-3249 (facsimile)

Attachments: Form PTO/SB/08A, substitute for Form PTO-1449  
35 Cited References  
Check in the amount of \$180.00  
Return Postcard



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	11	Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)
-------	---	----	----	------------------------	----------------------------------

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b>A1</b>	3,113,049	12-03-1963	Worsham	
	<b>A2</b>	3,134,697	05-26-1964	Niedrach	
	<b>A3</b>	3,282,875	11-01-1966	Connolly et al.	
	<b>A4</b>	3,297,484	01-10-1967	Niedrach	
	<b>A5</b>	3,301,893	01-31-1967	Putnam et al.	
	<b>A6</b>	3,684,747	08-15-1972	Coalson et al.	
	<b>A7</b>	3,692,569	09-19-1972	Grot	
	<b>A8</b>	4,036,714	07-19-1977	Spitzer	
	<b>A9</b>	4,038,213	07-26-1977	McClure et al.	
	<b>A10</b>	4,176,215	11-27-1979	Molnar et al.	
	<b>A11</b>	4,242,421	12-30-1980	Kudo et al.	
	<b>A12</b>	4,262,063	04-14-1981	Kudo et al.	
	<b>A13</b>	4,303,551	12-01-1981	Vaughan	
	<b>A14</b>	4,390,603	06-28-1983	Kawana et al.	
	<b>A15</b>	4,407,904	10-04-1983	Uozumi et al.	
	<b>A16</b>	4,407,905	10-04-1983	Takeuchi et al.	
	<b>A17</b>	4,417,969	11-29-1983	Ezzell et al.	
	<b>A18</b>	4,419,486	12-06-1983	Rose	
	<b>A19</b>	4,420,544	12-13-1983	Lawson et al.	
	<b>A20</b>	4,453,991	06-12-1984	Grot	
	<b>A21</b>	4,478,917	10-23-1984	Fujita et al.	
	<b>A22</b>	4,508,793	04-02-1985	Kumeta et al.	
	<b>A23</b>	4,537,840	08-27-1985	Tsukui et al.	
	<b>A24</b>	4,542,079	09-17-1985	Takeuchi et al.	
	<b>A25</b>	4,562,123	12-31-1985	Shimizu et al.	
	<b>A26</b>	4,576,877	03-18-1986	Alfenaar	
	<b>A27</b>	4,612,261	09-16-1986	Tsukui et al.	
	<b>A28</b>	4,629,664	12-16-1986	Tsukui et al	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	2	of	11	Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
				Attorney Docket Number	
				<b>A-71429-1/RFT/VEJ (468940-00070)</b>	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A29	4,640,873		02-03-1987	Tajima et al.	
A30	4,642,274		02-10-1987	Tsutsumi et al.	
A31	4,670,359		06-02-1987	Beshty	
A32	4,670,702		06-02-1987	Yamada et al.	
A33	4,673,624		06-16-1987	Hockaday	
A34	4,680,240		07-14-1987	Furukawa et al.	
A35	4,686,157		08-11-1987	Miyake et al.	
A36	4,751,274		06-14-1988	Ittemann et al.	
A37	4,755,272		07-05-1988	Plowman	
A38	4,769,296		09-06-1988	Sterzel	
A39	4,774,153		09-27-1988	Sterzel	
A40	4,797,190		01-10-1989	Peck	
A41	4,820,594		04-11-1989	Sugita et al.	
A42	4,828,941		05-28-1991	Sterzel	
A43	4,855,193		08-08-1989	McElroy	
A44	4,865,925		09-12-1989	Ludwig et al.	
A45	4,876,115		10-24-1989	Raistrick	
A46	4,964,890		10-23-1990	Reuter et al.	
A47	5,004,424		04-02-1991	Larminie	
A48	5,019,463		05-28-1991	Matsubara et al.	
A49	5,034,288		07-23-1991	Bossel	
A50	5,061,581		10-29-1991	Narang et al.	
A51	5,094,928		03-10-1992	Dyer	
A52	5,102,751		04-07-1992	Narang et al.	
A53	5,132,193		07-21-1992	Reddy et al.	
A54	5,186,877		02-16-1993	Watanabe	
A55	5,211,984		05-18-1993	Wilson	
A56	5,229,222		07-20-1993	Tsutsumi et al.	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	3	of	11	Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
				Attorney Docket Number	
				<b>A-71429-1/RFT/VEJ (468940-00070)</b>	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A57	5,234,777		08-10-1993	Wilson	
A58	5,238,754		08-24-1993	Yasuo et al.	
A59	5,252,410		10-12-1993	Wilkinson et al.	
A60	5,262,250		11-16-1993	Watanabe	
A61	5,302,471		04-12-1994	Ito et al.	
A62	5,312,876		05-17-1994	Dang et al.	
A63	5,312,895		05-17-1994	Dang et al.	
A64	5,314,762		05-24-1994	Hamada et al.	
A65	5,316,643		05-31-1994	Ahn et al.	
A66	5,330,860		07-19-1994	Grot et al.	
A67	5,334,463		08-02-1994	Tajima et al.	
A68	5,346,780		09-13-1994	Suzuki	
A69	5,362,836		11-08-1994	Helmer-Metzmann et al.	
A70	5,366,820		11-22-1994	Tsutsumi et al.	
A71	5,367,051		11-22-1994	Narang et al.	
A72	5,384,208		01-24-1995	Brand et al.	
A73	5,403,675		04-04-1995	Ogata et al.	
A74	5,432,023		07-01-1995	Yamada et al.	
A75	5,438,082		08-01-1995	Helmer-Metzmann et al.	
A76	5,468,574		11-21-1995	Ehrenberg et al.	
A77	5,470,448		11-28-1995	Molter et al.	
A78	5,472,799		12-05-1995	Watanabe	
A79	5,480,735		01-02-1996	Landsman et al.	
A80	5,482,568		01-09-1996	Hockaday	
A81	5,488,087		01-30-1996	Cabasso et al.	
A82	5,503,944		04-02-1996	Meyer et al.	
A83	5,505,851		04-09-1996	Wagener et al.	
A84	5,523,177		06-04-1996	Kosek et al.	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	4	of	11	Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
				Attorney Docket Number	
				A-71429-1/RFT/VEJ (468940-00070)	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A85	5,525,436		06-11-1996	Savinell et al.	
A86	5,540,981		07-30-1996	Gallagher et al.	
A87	5,541,015		07-30-1996	Tajima et al.	
A88	5,547,911		08-20-1996	Grot	
A89	5,548,055		08-20-1996	Narang et al.	
A90	5,561,202		10-01-1996	Helmer-Metzmann et al.	
A91	5,573,866		11-12-1996	Van Dine et al.	
A92	5,573,867		11-12-1996	Zafred et al.	
A93	5,599,638		02-04-1997	Surampudi et al.	
A94	5,624,965		04-29-1997	Huang et al	
A95	5,627,737		05-06-1997	Maekawa et al.	
A96	5,631,099		05-20-1997	Hockaday	
A97	5,633,098		05-27-1997	Narang et al.	
A98	5,635,039		06-03-1997	Cisar et al.	
A99	5,641,586		06-24-1997	Wilson	
A100	5,656,389		08-12-1997	Tetzlaff et al.	
A101	5,670,266		09-23-1997	Thomas et al.	
A102	5,672,439		09-30-1997	Wilkinson et al.	
A103	5,700,595		12-23-1997	Reiser	
A104	5,702,755		12-30-1997	Mussell	
A105	5,702,838		12-30-1997	Yasumoto et al.	
A106	5,723,086		03-03-1998	Ledjeff et al.	
A107	5,723,229		03-03-1998	Scheifers et al.	
A108	5,731,104		03-24-1998	Ventura et al.	
A109	5,741,408		04-21-1998	Helmer-Metzmann et al.	
A110	5,759,712		06-02-1998	Hockaday	
A111	5,773,162		06-30-1998	Surampudi et al.	
A112	5,773,480		06-30-1998	Stone	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	5	of	11	Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
				Attorney Docket Number	
				<b>A-71429-1/RFT/VEJ (468940-00070)</b>	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>2</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A113	5,783,325		07-21-1998	Cabasso et al.	
A114	5,789,093		08-04-1998	Malhi	
A115	5,795,496		08-18-1998	Yen et al.	
A116	5,795,668		08-18-1998	Banerjee	
A117	5,804,325		09-08-1988	Yepez	
A118	5,834,523		11-10-1998	Steck et al.	
A119	5,834,566		11-10-1998	Helmer-Metzmann et al.	
A120	5,858,568		01-12-1999	Hsu et al.	
A121	5,869,416		02-09-1999	Mussell	
A122	5,874,182		02-23-1999	Wilkinson et al.	
A123	5,882,810		03-16-1999	Mussell et al.	
A124	5,885,338		03-23-1999	Nigam et al.	
A125	5,886,890		03-23-1999	Ishida et al.	
A126	5,906,716		05-25-1999	Mertesdorf et al.	
A127	5,916,699		06-29-1999	Thomas et al.	
A128	5,945,231		08-31-1999	Narayanan et al.	
A129	5,952,119		09-14-1999	Wilson	
A130	5,958,613		09-28-1999	Hamada et al.	
A131	5,958,616		09-28-1999	Salinas et al.	
A132	5,973,025		10-26-1999	Nigam et al.	
A133	5,976,725		11-02-1999	Gamo et al.	
A134	5,985,477		11-16-1999	Iwasaki et al.	
A135	5,985,942		11-16-1999	Steck et al.	
A136	5,992,008		11-30-1999	Kindler	
A137	6,007,930		12-28-1999	Adams et al.	
A138	6,010,798		01-04-2000	Hammerschmidt et al.	
A139	6,024,848		02-15-2000	Dufner et al.	
A140	6,025,085		02-15-2000	Savinell et al.	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	6	of	11	Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
				Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A141	6,040,077		03-21-2000	Debe et al.	
A142	6,045,934		04-04-2000	Enami	
A143	6,057,051		05-02-2000	Uchida et al.	
A144	6,068,941		05-30-2000	Fuller et al.	
A145	6,071,635		06-06-2000	Carlstrom et al.	
A146	6,080,500		06-27-2000	Fuju et al.	
A147	6,080,501		06-27-2000	Kelley et al.	
A148	6,083,638		07-04-2000	Taniguchi et al.	
A149	6,090,193		07-18-2000	Nigam et al.	
A150	6,093,500		07-25-2000	Margiott et al.	
A151	6,093,502		07-25-2000	Carlstrom et al.	
A152	6,103,411		08-15-2000	Matsubayashi et al.	
A153	6,106,965		08-22-2000	Hirano et al.	
A154	6,110,613		08-29-2000	Fuller	
A155	6,110,616		08-29-2000	Sheikh-Ali et al.	
A156	6,117,222		09-12-2000	Nigam et al.	
A157	6,117,579		09-12-2000	Gyoten et al.	
A158	6,127,055		10-03-2000	Simmons, Jr.	
A159	6,136,463		10-24-2000	Kindler et al.	
A160	6,146,781		11-14-2000	Surampudi et al.	
A161	6,150,047		11-21-2000	Yen et al.	
A162	6,171,444		01-09-2001	Nigam	
A163	6,171,721		01-09-2001	Narayanan et al.	
A164	6,175,512		01-16-2001	Hagihara et al.	
A165	6,180,274		01-30-2001	Yoshimoto et al.	
A166	6,214,488		04-10-2001	Helmer-Metzmann et al.	
A167	6,221,523		04-24-2001	Chun et al.	
A168	6,228,518		05-08-2001	Kindler	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	7	of	11	Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
				Attorney Docket Number	A-71429-1/RFT/VEJ (468940-00070)

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A169	6,241,787		06-05-2001	Nigam	
A170	6,248,460		06-19-2001	Surampudi et al.	
A171	6,248,469		06-19-2001	Formato et al.	
A172	6,248,480		06-19-2001	Narang et al.	
A173	6,252,785		06-26-2001	Hagihara et al.	
A174	6,254,748		07-03-2001	Surampudi et al.	
A175	6,265,093		07-24-2001	Surampudi et al.	
A176	6,277,447		08-21-2001	Chun et al.	
A177	6,291,093		09-18-2001	Kindler et al.	
A178	6,294,614		09-25-2001	Kataoka et al.	
A179	6,299,744		10-09-2001	Narayanan et al.	
A180	6,300,381		10-09-2001	Kerres	
A181	6,303,244		10-16-2001	Surampudi et al.	
A182	6,309,772		10-30-2001	Zuber et al.	
A183	6,326,097		12-04-2001	Hockaday	
A184	6,329,094		12-11-2001	Yasuo et al.	
A185	6,355,149		03-12-2002	Soczka-Guth et al.	
A186	6,368,492		04-09-2002	Narayanan et al.	
A187	6,383,676		05-07-2002	Akiyama et al.	
A188	6,391,486		05-21-2002	Narayanan et al.	
A189	6,399,235		06-04-2002	Yen et al.	
A190	6,420,059		07-16-2002	Surampudi et al.	
A191	6,426,160		07-30-2002	Hagino et al.	
A192	6,432,284		08-13-2002	Narayanan et al.	
A193	6,444,341		09-03-2002	Yen et al.	
A194	6,451,921		09-17-2002	Weisse et al.	
A195	6,468,696		10-22-2002	Siling et al.	
A196	6,492,054		12-10-2002	Karakane et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
Sheet	8	of	11	Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
				Attorney Docket Number	
				<b>A-71429-1/RFT/VEJ (468940-00070)</b>	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A197	6,503,378		01-07-2003	Fisher	
A198	6,503,650		01-07-2003	Yasuo et al.	
A199	6,586,561		07-01-2003	Litt et al.	
A200	6,589,684		07-08-2003	Surampudi et al.	
A201	6,602,630		08-05-2003	Gopal	
A202	6,699,611		03-02-2004	Kim et al.	
A203	2001/0037000		11-01-2001	Goto et al.	
A204	2001/0041279		11-15-2001	Terahara et al.	
A205	2001/0050230		12-13-2001	Surampudi et al.	
A206	2002/0001744		01-03-2002	Tsusaka et al.	
A207	2002/0004159		01-10-2002	Totsuka	
A208	2002/0015868		02-07-2002	Surampudi et al.	
A209	2002/0015872		02-07-2002	Surampudi et al.	
A210	2002/0045085		04-18-2002	Formato et al.	
A211	2002/0058178		05-16-2002	Narayanan et al.	
A212	2002/0061431		05-23-2002	Koyama et al.	
A213	2002/0071977		06-13-2002	Lakshmanan et al.	
A214	2002/0091225		07-11-2002	McGrath et al.	
A215	2002/0103327		08-01-2002	Claub et al.	
A216	2002/0106551		08-08-2002	Speranza et al.	
A217	2002/0127450		09-12-2002	Xie	
A218	2002/0127454		09-12-2002	Narang et al.	
A219	2002/0132145		09-19-2002	Preidel	
A220	2002/0142207		10-03-2002	Watakabe et al.	
A221	2002/0164513		11-07-2002	Asano et al.	
A222	2002/0172850		11-21-2002	Asano et al.	
A223	2002/0177656		11-28-2002	Goto et al.	
A224	2002/0187377		12-12-2002	Shinoda et al.	

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Substitute for form 1449A/PTO (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Art Unit	1746
				Examiner Name	Chuo, Tony Sheng Hsiang
Sheet	9	of	11	Attorney Docket Number	
<b>A-71429-1/RFT/VEJ (468940-00070)</b>					

#### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A225	2002/0187379	12-12-2002	Yasuo et al.	
	A226	2002/0188097	12-12-2002	Goto et al.	
	A227	2003/0044669	03-06-2003	Hidaka et al.	
	A228	2003/0059657	03-27-2003	Stone et al.	
	A229	2003/0077503	04-24-2003	Yoshitake et al.	
	A230	2003/0099874	05-29-2003	Kim et al.	
	A231	2003/0173547	09-18-2003	Yamakawa et al.	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1	EP 0 068 508 B1	01-05-1983	Hitachi, Ltd.		
	B2	EP 0 337 626 A1	10-18-1989	PCI Membrane Systems Limited		
	B3	EP 0 574 791 B1	06-07-1993	Aventis Research & Technologies GmbH		
	B4	FR 2 793 450 A1	11-17-2000	Peugeot Citroen Automobiles SA	English Abstract	
	B5	WO 98/22989 A1	05-28-1998	University of Southern California		
	B6	WO 99/54389 A1	10-28-1999	Universitat of Stuttgart		
	B7	WO 99/54407 A2	10-28-1999	Universitat of Stuttgart		
	B8	WO 00/09610 A1	02-24-2000	The Research Foundation of State University of New York		
	B9	WO 00/22684 A2/A3	04-20-2000	Foster-Miller, Inc.		
	B10	WO 00/24796 A1	05-04-2000	Foster-Miller, Inc.		
	B11	WO 00/27513 A2	05-18-2000	Axiva GmbH		
	B12	WO 00/35032 A1	06-15-2000	Hockaday, Robert		
	B13	WO 00/52779 A1	09-08-2000	Motorola Inc.		

#### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>6</sup>
Examiner Signature			Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/727,090	
Sheet	10	of	11	Filing Date	December 2, 2003	
				First Named Inventor	Bliven, David C.	
				Group Art Unit	1745	
				Examiner Name	Chuo, Tony Sheng Hsiang	
				Attorney Docket Number		A-71429/US/1/RMA (468940-00070)

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				†
	C1	CHO, C., et al., "Synthesis and characterization of poly(arylene ether sulfone) copolymers with sulfonimide side groups," journal publication unknown.				
	C2	GAN, D., et al., "Synthesis and Characterization of Poly(Ether Ketone Ketone) (PEEK)/sodium sulfonated Poly(arylene ether ketone)(S-PAEK) Block Copolymers," Polym Int. 50, 4, 812-816 (2001).				
	C3	GHASSEMI, H., et al., "New multiblock copolymers of sulfonated poly(4-phenyl-2,5-benzophenone) and poly(arylene ether sulfone) for proton exchange membrane," Polymer Preprints 44(1):814-815 (2003).				
	C4	HUFF, J.R., "Direct Methanol/Air Fuel Cells: Systems Considerations," Proc. Workshop Direct Methanol-Air Fuel Cells, A.R. Landgrebe, et al. (eds.), The Electrochemical Society, Inc.: Pennington, NJ:188-192 (1992).				
	C5	KERRES, J., et al., "Synthesis and characterization of novel acid-base polymer blends for application in membrane fuel cells," Solid State Ionics, 125:243-249, North Holland Publishing Co.: Amsterdam, NL 125():243-249 (1999).				
	C6	KIM, Y., et al., "Methanol permeation of sulfonated poly(arylene ether sulfone) block copolymers," Polymer Preprints 44(1):1254-1255 (2003).				
	C7	LANDGREBE, A.R., et al., "Direct Methanol-Air Fuel Cell: An Overview of the Workshop," Proc. Workshop Direct Methanol-Air Fuel Cells, A.R. Landgrebe, et al. (eds.), The Electrochemical Society, Inc.: Pennington, NJ 92(14):1-223 (1992).				
	C8	LIU, S., et al., "Novel sodium sulfonate-functionalized poly(ether ether ketone)s derived from 4,4'-thiodiphenol," Polymer 42(7):3293-3296 (Mar. 2001).				
	C9	LIU, S., et al., "Synthesis of Poly(ether ether ketone)s with high content of sodium sulfonate groups as gas dehumidification membrane materials," Macromol. Rapid Commun. 22(8):579-582 (2001).				
	C10	MECHAM, J.B., et al., "Sulfonated poly(arylene ether) - B - poly(imide) segmented copolymers," Polymeric Mat. Sci. Eng. 84:105-106 (Apr. 2001).				
	C11	MIYATAKE, K., et al., "Synthesis and Proton Conductivity of Highly Sulfonated Poly(thiophenylene)," Macromolecules 30:2941-2946 (1997).				
	C12	MIYATAKE, K., et al., "Synthesis of Poly(phenylene sulfide sulfonic acid) via Poly(sulfonium cation) as a Thermostable Proton-Conducting Polymer," Macromolecules 29():6969-6971 (1996).				
	C13	PARSONS, R., et al., "The oxidation of small organic molecules: A survey of recent fuel cell related research," J. Electroanal. Chem. 257:9 to 45 (1989).				
	C14	RULKENS, R., et al., "Rigid-Rod Polyelectrolytes based on poly(p-phenylene sulfonic acid)," Ber. Bunsenges. Phys. Chem. 100(6):707-714 (1996).				
	C15	UEDA, M., et al., "Synthesis and characterization of aromatic poly(ether sulfone)s containing pendant sodium sulfonate groups," J. Polymer Sci. A 31(0):852-858 (1992).				
	C16	WANG, F., et al., "Sodium sulfonate-functionalized poly(ether ether ketone)s," Macromol. Chem. Phys. 199():1421-1426 (1998).				
	C17	WANG, F., et al., "Synthesis of poly(ether ether ketone) containing sodium sulfonate groups as gas dehumidification membrane material," Macromol. Rapid Commun. 19():135-137 (1998).				

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	10/727,090
				Filing Date	December 2, 2003
				First Named Inventor	Bliven, David C.
				Group Art Unit	1745
				Examiner Name	Chuo, Tony Sheng Hsiang
Sheet	11	of	11	Attorney Docket Number	A-71429/US/1/RMA (468940-00070)

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
C18	WANG, J.-T., et al., "A H <sub>2</sub> /O <sub>2</sub> Fuel Cell Using Acid Doped Polybenzimidazole as Polymer Electrolyte," Proc. 1st Intl. Symp. Proton Conducting Membrane Fuel Cells I, S. Gottesfeld, et al. (eds.), Electrochem. Soc. Proc. 95(23):202-213 (1995).		
C19	WILES, K.B., et al., "Poly(arylene thioether sulfone) copolymers for PEM-based fuel cell systems," Polymer Preprints 44(1):1089-1090 (2003).		
C20	WNEK, G.E., et al., "New hydrocarbon proton exchange membranes based on sulfonated styrene-ethylene/butylene-styrene triblock copolymers," Electrochem. Soc. Proc. 95(23):247-250 (1995).		
C21	XIAO, G., et al., "Polyelectrolytes for Fuel Cells Made of Sulfonated Poly(phthalazinone ether ketone)s," Macromol. Rapid Commun. 23(8):488-492 (2002).		
C22	XIAO, G., et al., "Synthesis and characterization of novel sulfonated poly(arylene ether ketone)s derived from 4,4'-sulfonyl-diphenol," Polymer Bull. 48(4 t 5):309-315 (Jun. 2002).		

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.